MICE Major Milestone Status

Revision date: 25/1/12 (MICO 174)

	Milestone complete
	>30 days away
	<30 days away
	Passed & not complete

Upstream spectrometer solenoid – Steve Virostek/Roy Preece

Task	**Baseline**	**Status**	**Revised baselines**									
Cold mass aligned to vacuum vessel survey points - COMPLETE	02/11/11		17/1/12									
Vacuum vessel closed	22/12/11		14/2/12									
Ready for training	09/1/12		14/3/12									
Ready for shipping	13/2/12		27/4/12									
Arrival at RAL	**26/3/12**		**08/6/12**									

Downstream spectrometer solenoid – Steve Virostek/Roy Preece

Task	**Baseline**	**Status**	**Revised baselines**									
Cold mass on support beam - COMPLETE	02/11/11		17/1/12									
Assembly starts	21/12/11		28/2/12									
Cold mass aligned to vacuum vessel survey points	16/2/12		27/3/12									
Vacuum vessel closed	09/3/12		18/4/12									
Ready for training	13/4/12		18/5/12									
Ready for shipping	25/5/12		03/7/12									
Arrival at RAL	**03/7/12**		**14/8/12**									

Step IV infrastructure – Tim Hayler – need revised milestones

Task	**Baseline**	**Status**	**Revised baselines**									
Downstream spectrometer solenoid base plate installation complete	31/12/11											
He window Manufacture complete	30/6/12											
TOF cage & Virostek plate bracket design complete	31/12/11											
AFC rolling platforms tested	31/12/11		COMPLETE									
Radiation shield manufacture and testing complete (design review Nov. 21 TB)	6/6/12											
Ready for AFC & SS installation	**30/3/12**											

AFC #1 – Tom Bradshaw – need revised milestones

Task	**Baseline**	**Status**	**Revised baselines**									
Complete CCR tests – passed 17/10/11	20/8/11			28/9/11	28/10/11	COMPLETE						
Cold mass potting complete	30/8/11			26/9/11	28/10/11	COMPLETE						
OVC assembly start – has started 13/10/11	28/9/11			30/9/11	COMPLETE							
Receipt of suspension straps	29/9/11			22/9/11	COMPLETE							
Rad shield assembly start	27/10/11			13/10/11	23/11/11							
Commissioning (cool-down start) begins	29/11/11			17/11/11	23/1/12							
Delivery of AFC #1	**30/11/11**		**9/12/11**	**8/12/11**	**31/01/12**	**28/02/12**						

Diffuser – John Cobb

Task	**Baseline**	**Status**	**Revised baselines**									
Verify design of new tungsten petals	28/10/11		COMPLETE									
Machinable tungsten delivered	16/12/11		COMPLETE									
Rebuild complete	24/02/12											
Basic tests complete	16/03/12											
Acceptance tests complete	13/04/12											
Integration with EPICS	**06/08/12**											

Tentative RFCC Module – Derun Li/Steve Gourlay

Task	Baseline	Status	Revised baselines									
Coil #1 at LBNL – delivered 14/10/11	3/10/11		8/10/11	COMPLETE								
Coil #1 at FNAL	13/1/12			15/2/12								
Test cryostat installed at FNAL	17/2/12											
Cryostat design review at LBNL complete	31/12/11		31/1/12	29/2/12								
Coil #1 tests complete	11/5/12		30/6/12	11/7/12								

DAQ – Yordan Karadzhov

Task	Baseline	Status	Revised baselines									
Migration to the new version of the unpacking software, including software review.	1/9/11		COMPLETE									
Finalize the implementation of all EMR equipment in DATE	1/11/11		1/01/12	29/02/12								
Create cosmic test stand for EMR modules at University of Geneva, using the latest version of DATE	1/12/11		1/01/12	29/02/12								
Extend the information provided by the DAQ to EPIS, including scaler information	1/01/12		COMPLETE									
Migrate LCR DAQ system to latest version of DATE	1/02/12											
EMR completely integrated in the MICE DAQ	1/02/12		1/03/12									

Controls & Monitoring – Pierrick Hanlet

Task	Baseline	Status	Revised baselines									
Config DB – Hanlet - COMPLETE	1/12/11		17/12/11									
Complete Step I items – need doc.	15/10/11		15/12/11	15/1/12	01/2/12							
Tracker Initialization Controls	1/11/11		01/3/12									
Stand alone SS C&M	1/11/11		10/01/12	01/3/12								
Stand alone FC C&M	1/11/11		30/11/11	1/02/12								
Absorber Controls	1/01/12											
Implement MICE State Machines	15/01/12		15/04/12									

Online Reconstruction – Linda Coney – need revised milestones

Task	Baseline	Status	Revised baselines									
OS upgrade done – Coney	1/11/11		08/2/12									
MLCR backups – Coney	1/11/11		08/2/12									
Computing access – Coney	1/12/11		31/1/12									
Production version of visualization	1/01/12		15/2/12									
MAUS EMR reconstruction - testing/development	15/02/12		2/5/12									

MAUS – Chris Rogers – new milestones

Task	Baseline	Status	Revised baselines									
Implement revised data structure	1/3/12											
Full CAD import including fields	15/2/12											
G4Beamline for beam input – need responsible person	?											
GRID deployment	1/3/12											
Digitisation of TOF	15/2/12											
Simulation refactor	1/2/12											
Visualization	1/3/12											

Countdown to May Run (EMR only so far – Asfandiyarov)

Task	**Baseline**	**Status**	**Revised baselines**									
EMR production polishing	30/1/12											
EMR old bars reprocessing complete	10/2/12											
EMR FEB tests complete	17/2/12											
EMR 1st new module	24/2/12											
EMR 24 modules	18/4/12											
EMR DBB production complete	29/2/12											
EMR VRB production complete	29/2/12											
EMR 1st full electronics chain	17/2/12											
Full EMR tests	30/4/12											
EMR Delivery to RAL	**01/5/12**											